

REMARKS/ARGUMENTS

Applicant would like to thank the Examiner for the careful consideration given the present application. The application has been carefully reviewed in light of the Office Action, and amended as necessary to more clearly and particularly describe the subject matter which Applicant regards as the invention.

Claims I and 3 have been amended.

Claims 1 and 3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yamaguchi et al. (JP 09-182364) in view of Odagiri et al. (U.S. Patent No. 5,801,466). For the following reasons, the Examiner's rejection is respectfully traversed.

None of the references disclose or suggest "said cover has airholes between said cover and said base so that air inside the vibration motor communicates with air outside of the vibration motor during reflow solder mounting of said vibration motor to said printed circuit board" as recited in amended claims 1 and 3.

Yamaguchi discloses a bracket 2 attached to a case 11. Although there appears to be an opening between the bracket 2 and case 11 (see Drawings 6 and 8), Yamaguchi does not disclose or suggest that the case has airholes between the case and the bracket. Yamaguchi also does not disclose or suggest that the opening between the bracket 2 and case 11 enables air inside the vibration motor to communicate with air outside of the vibration motor during reflow solder mounting of the vibration motor to a printed circuit board. Therefore, Yamaguchi does not disclose or suggest all the elements of the claimed invention.

Odagiri does not overcome the deficiencies of the Yamaguchi patent. Odagiri discloses a motor 3 with a counterweight 4 held in a vibrator holder 2. Odagiri does not disclose or suggest that airholes are located between the cover and the base. Odagiri also does not disclose or suggest that the motor is reflow solder mounted to a printed circuit board. Therefore, Odagiri

does not disclose or suggest air inside the vibration motor communicating with air outside of the vibration motor during reflow solder mounting of the vibration motor to a printed circuit board. Therefore, even if combined, the references do not disclose or suggest all the elements of the claimed invention.

Claims 1 and 3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shiraki et al. (U.S. Patent No. 5,793,133) in view of Yasuda (U.S. Patent No. 5,889,349). For the following reasons, the Examiner's rejection is respectfully traversed.

None of the references disclose or suggest that "said cover has airholes between said cover and said base so that air inside the vibration motor communicates with air outside of the vibration motor during reflow solder mounting of said vibration motor to said printed circuit board" as recited in amended claims 1 and 3.

Shiraki discloses a flat vibrator main body 11 formed by closing a cup-like case 9 by a disc-like bracket 10 (col. 8, lines 10–17). In Shiraki, a through-hole 16 is formed cutting a side surface portion of the case 9 and an outer peripheral portion of the bracket 10 is extended for power feed (col. 8, lines 35–42; Fig. 1).

Although Shiraki discloses a through-hole 16 for the power feed, Shiraki does not disclose or suggest that the cover has airholes between the cover and the base. Shiraki also does not disclose or suggest that the through-hole 16 enables air inside the vibration motor to communicate with air outside of the vibration motor during reflow solder mounting of the vibration motor to a printed circuit board. Therefore, Shiraki does not disclose or suggest all the elements of the claimed invention.

Yasuda does not overcome the deficiencies of the Shiraki patent. Yasuda discloses a motor device that has a cylindrical housing 6 with a bottom 61 (Fig.1). Yasuda does not disclose or suggest that an air hole is located between the cover and the base. Yasuda also does not

disclose or suggest that the vibration motor is reflow solder mounted to a printed circuit board. Therefore, Yasuda does not disclose or suggest air inside the vibration motor communicating with air outside of the vibration motor during reflow solder mounting of the vibration motor to a printed circuit board. Therefore, even if combined, the references do not disclose or suggest all the elements of the claimed invention.

Claims 1 and 3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Won (U.S. Patent No. 6,265,838) in view of Yamaguchi et al. (U.S. Patent No. 6,384,498). For the following reasons, the Examiner's rejection is respectfully traversed.

Applicants submit that the Won is not a reference since Applicants claim priority under 35 U.S.C. 119 of the Japanese Patent Application No. 10-373786, filed December 28, 1998, a certified copy of which was transmitted to the USPTO with the parent application 09/472,477, filed December 27, 1999, now U.S. Patent No. 6,274,955, issued August 14, 2001.

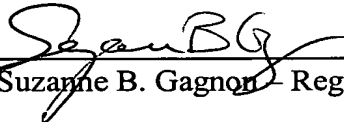
In order to perfect Applicants' claim of priority, Applicants submit herewith an English language translation of the certified copy of the Japanese Patent Application No. 10-373786, and a statement that the translation of the certified copy is accurate. Applicants submit that the Japanese Patent Application No. 10-373786 satisfies the enablement and description requirements of 35 U.S.C. 112, first paragraph. Since the Office Action has rejected claims 1 and 3 on Won, which is not a reference, Applicants submit that the subject application should not be rejected on the combination of Won and Yamaguchi.

In light of the foregoing, it is respectfully submitted that the present application is in a condition for allowance and notice to that effect is hereby requested. If it is determined that the application is not in a condition for allowance, the Examiner is invited to initiate a telephone interview with the undersigned attorney to expedite prosecution of the present application.

Appln. No. 10/766,166
Amdt. Dated October 12, 2005
Reply to Office Action of July 12, 2005

If there are any additional fees resulting from this communication, please charge same
to our Deposit Account No. 16-0820, our Order No. 32184US2.

Respectfully submitted,
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Date: October 12, 2005